

Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 11158
Application ID: 09681398
Title of Invention: METHOD AND APPARATUS FOR
ANALYZING A DESIGN
First Named Inventor: Steve Wang
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2001-03-29
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: 200-1381
Digital Certificate Holder: cn=Damian Porcari, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: Zh2BXR8jH7Rp+TQV8c1PnQ==
Total Fees Authorized: \$750.0
Payment Category: DA - Deposit Account
Deposit Account Number: 61510
Deposit Account Name: Sheri L. Charles



TRANSMITTAL FORM



Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: 200-1381

METHOD AND APPARATUS FOR ANALYZING A DESIGN

First Named Inventor: Steve C. Wang

SUBMITTED BY

Organization Name:

Ford Motor Company

Name:

Sheri Lynn Charles Electronic
Application Specialist

Electronic Signature Mark: /slc

Date Signed: 20010329

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

bibd-transmittal	200-1381apds.xml
fee-transmittal	200-1381fee.xml
patent-assignment	200-1381asgn.xml
specification	spec.xml
declaration	decl 1 of 2.tif

declaration

decl 1 of 2.tif

declaration

decl 1 of 2.tif

declaration

decl 1 of 2.tif

Attached Image File(s):

decl 1 of 2.tif

decl 2 of 2.tif

consent.tif

prior art.tif

DECLARATION OF CONSENT TO PUBLISH

Comments:

[illegible]

DECLARATION AND POWER OF ATTORNEY - ORIGINAL APPLICATION

Attorney's Docket No.
200-1381

As a below named inventor, I hereby declare:

My residence, post office address and citizenship are as stated below next to my name;

I verily believe I am the original, first and sole inventor or an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled

METHOD AND APPARATUS FOR ANALYZING A DESIGN

the specification of which is attached hereto.

I have reviewed and understand the contents of the specification identified above, including the claims.

I acknowledge my duty to disclose information of which I am aware that is material to the examination of this application in accordance with Section 1.56(a), Title 37 of the Code of Federal Regulations; and as to application for patents or inventor's certificate on the invention filed in any country foreign to the United States of America, prior to this application by me or my legal representatives or assigns,

☒ no such applications have been filed, or☐ such applications have been filed as follows

COUNTRY	APPLICATION NO.	DATE OF FILING (month, day, year)	DATE OF ISSUE (month, day, year)	PRIORITY CLAIMED UNDER 35 USC 119

☐ I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (month, day, year)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
----------------------	---------------	---

(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
----------------------	---------------	---

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith and to act on my behalf before the competent International Authorities in connection with any and all international applications filed by me.
(List name and registration number)

John G. Chupa - 33,483

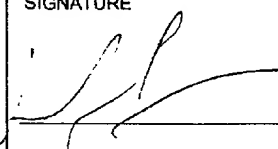
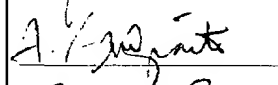
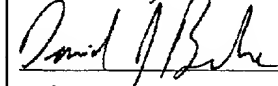
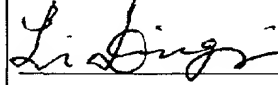
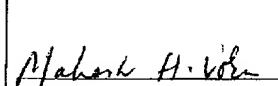
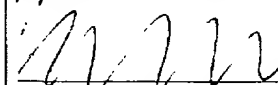
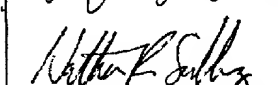
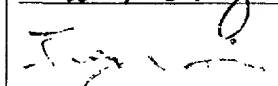
David B. Kelley - 33,718

William J. Coughlin - 29,143

Address all correspondence and telephone calls to:

John G. Chupa
Chupa & Alberti, P.C.
31313 Northwestern Highway, Suite 205
Farmington Hills, MI 48334 Phone: 1-248-865-9588

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	SIGNATURE	DATE
Steve C. Wang 3350 Tumbury Lane Ann Arbor, MI 48108 US	Ann Arbor, MI 48108 US	U.S.A		3/8/2001
Agus Sudjianto 45331 Roundview Drive Novi, MI 48375 US	Novi, MI 48375 US	U.S.A		3/9/2001
David John Buche 708 North Congress Ypsilanti, Michigan US	Ypsilanti, Michigan US	U.S.A		3/9/01
Dingjun Li 19477 Coachwood Riverview, MI 48192 US	Riverview, MI 48192 US	U.S.A		3/8/2001
Mahesh Himatlal Vora 27208 Hampstead Blvd. Farmington Hills, MI, 48331-3678 US	Farmington Hills, MI, 48331-3678 US	U.S.A		3/9/01
Nathan R. Soderborg 1221 Snyder Ave Ann Arbor, MI 48103 US	Ann Arbor, MI 48103 US	U.S.A		3/9/01
Siyuan Jiang 31456 Sleepy Hollow Ln Beverly Hills, MI 48025 US	Beverly Hills, MI 48025 US	U.S.A		3/8/2001
Xiaoping Liu 41087 Greystone Blvd. Plymouth, MI 48170 US	Plymouth, MI 48170 US	China		3/8/2001

PATENT APPLICATION

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D. C. 20231

Case Docket No. **200-1381**
Date: March 23, 2001

Sir:

Inventor(s):
Xiaoping Liu
Steve Wang
Siyuan Jiang
Nathan Soderborg
Mahesh Vora
Dingjun Li
David Buche
Agus Sudjianto

For: **METHOD AND APPARATUS FOR ANALYZING A DESIGN**

The attorney or agent below has reviewed this application and its attachments and consents to electronic filing by the assignee.

Respectfully submitted:



Damian Porcari
Attorney or Agent of Record
Registration No. 31,461
Ford Global Technologies, Inc.
One Parklane Blvd.,
600 Parklane Towers East
Dearborn, MI 48126
Telephone: 313-845-5101

1449B/PTO Rev. 10/95		U.S. Department of Commerce Patent and Trademark Office		<i>Complete If Known</i>	
LIST OF PRIOR ART CITED BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	
				Filing Date	
				First Named Inventor	
				Group Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	200-1381

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, country where published, source.	T ²
	1	WILLIAM J. WELCH, ROBERT J. BUCK, JEROME SACKS, HENRY P. WYNN, TOBY J. MITCHELL AND MAX D. MORRIS, Screening, Predicting, and Computer Experiments, Technometrics, February, 1992, pages 15-25, Vol. 34, No. 1, U.S.	
	2	JEROME H. FRIEDMAN, Invited Paper, Multivariate Adaptive Regression Splines, Stanford University, 1991, Vol. 19, No. 1, 1-141, The Annals of Statistics, U.S.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS Send To: Assistant Commissioner for Patent, Washington, D.C. 20231.

(Information Disclosure Statement – Section 2. FORM 1449A/PTO [6-1] – page ___ of ___)

John G. Chupa (Reg. No. 33,483)
Chupa & Alberti, P.C.
31313 Northwestern Highway
Suite 205
Farmington Hills, MI 48334

FEE TRANSMITTAL

Electronic Version 1.0.4

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 750

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1510



Deposit Account Name: Ford Global Technologies, Inc.

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

SUBMITTED BY

Authorized Name: Sheri L. Charles

Electronic Signature Mark: /slc

Date Signed: 20010329

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 710

Subtotal For Basic Filing Fee: \$ 710

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 19	103	\$ 18	0	\$ 0
Independent Claims: 3	102	\$ 80	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

Fee Description	Fee Code	Fee Paid
Recording Each Patent Assignment Per Property Fee	581	\$ 40

Subtotal For Additional Fees: \$ 40